

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/13677

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H04B7/08 H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 267 497 A (NIPPON ELECTRIC CO) 18 December 2002 (2002-12-18) abstract paragraphs '0025!-'0028! figures 1-3 ---	1, 11
A	EP 0 849 888 A (FUJITSU LTD) 24 June 1998 (1998-06-24) abstract column 4, line 40 -column 5, line 12 column 6, line 5 - line 18 figure 6 --- -/--	1, 11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \* & \* document member of the same patent family

Date of the actual completion of the international search

24 June 2004

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30/07/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>JONG WON PARK ET AL: "MULTIUSER DETECTION SCHEME USING ADAPTIVE ANTENNA ARRAY OVER RAYLEIGH FADING CHANNELS"</p> <p>VTC 2000-SPRING. 2000 IEEE 51ST. VEHICULAR TECHNOLOGY CONFERENCE PROCEEDINGS. TOKYO, JAPAN, MAY 15-18, 2000, IEEE VEHICULAR TECHNOLOGY CONFERENCE, NEW YORK, NY: IEEE, US,</p> <p>vol. 3 OF 3. CONF. 51,</p> <p>15 May 2000 (2000-05-15), pages 2157-2161, XP000968386</p> <p>ISBN: 0-7803-5719-1</p> <p>abstract</p> <p>paragraph 'III.!</p> <p>figures 1,2</p> <p style="text-align: center;">---</p>	1,11
A	<p>GODARA L C: "ADAPTIVE POSTBEAMFORMER INTERFERENCE CANCELER WITH IMPROVED PERFORMANCE IN THE PRESENCE OF BROADBAND DIRECTIONAL SOURCES"</p> <p>JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US,</p> <p>vol. 89, no. 1, 1991, pages 266-273, XP000178910</p> <p>ISSN: 0001-4966</p> <p>abstract</p> <p>paragraphs '00I.!, '0II.!</p> <p>figures 1,2</p> <p style="text-align: center;">-----</p>	1,11

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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